

Assignment -2

Assignment Date	19 September 2022
Student Name	MANOJKANNAN K
Student Roll Number	19EC006
Maximum Marks	2 Marks

Question-1:

Write code in IDE.

Run code through command prompt.

Step 1: open spyder

Step 2:write the code

Step 3: run the code

>you save the file

>change the directory in command prompt(change the file path)

>type in “python filename.py”>>python firstapp.py

Solution:

```
from flask import Flask
app=Flask(__name__)
@app.route('/')
def greetings():
    return "Have a nice day!"
if __name__=='__main__':
    app.run();
```

```
Command Prompt - python firstapp.py
Requirement already satisfied: Flask in c:\users\ashifa\appdata\local\programs\python\python310\lib\site-packages (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\ashifa\appdata\local\programs\python\python310\lib\site-packages (from Flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\ashifa\appdata\local\programs\python\python310\lib\site-packages (from Flask) (8.1.3)
Requirement already satisfied: Jinja2>=3.0 in c:\users\ashifa\appdata\local\programs\python\python310\lib\site-packages (from Flask) (3.1.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\ashifa\appdata\local\programs\python\python310\lib\site-packages (from Flask) (2.2.2)
Requirement already satisfied: colorama in c:\users\ashifa\appdata\local\programs\python\python310\lib\site-packages (from click>=8.0->Flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\ashifa\appdata\local\programs\python\python310\lib\site-packages (from Jinja2>=3.0->Flask) (2.1.1)

C:\Users\Ashifa>cd C:\Users\Ashifa\spyder-py3

C:\Users\Ashifa\spyder-py3>cd C:\Users\Ashifa\spyder-py3\spyder programs

C:\Users\Ashifa\spyder-py3\spyder programs>python firstapp
python: can't open file 'C:\Users\Ashifa\spyder-py3\spyder programs\firstapp': [Errno 2] No such file or directory

C:\Users\Ashifa\spyder-py3\spyder programs>python firstapp.py
* Serving Flask app "firstapp"
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```

The image shows two windows from a Windows desktop. The left window is the Spyder Python IDE, titled 'Spyder (Python 3.9)'. It has a menu bar (File, Edit, Search, Source, Run, Debug, Consoles, Projects, Tools, View, Help), a toolbar, and a main editor area. The editor shows a file named 'firstapp.py' with the following code:

```
1 from flask import Flask
2 app=Flask(__name__)
3 @app.route('/')
4 def greetings():
5     return "Have a nice day!"
6 if __name__ == '__main__':
7     app.run()
```

Below the editor is a 'Console' pane showing the output of running the script:

```
In [1]: runfile('C:/Users/Ashifa/.spyder-py3/spyder
programs/firstapp.py', wdir='C:/Users/Ashifa/.spyder-py3/
spyder programs')
* Serving Flask app "firstapp" (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it
in a production deployment. Use a production WSGI
server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to
quit)
127.0.0.1 - - [23/Sep/2022 22:15:43] "GET / HTTP/1.1" 200
-
127.0.0.1 - - [23/Sep/2022 22:15:43] "GET /favicon.ico
HTTP/1.1" 404 -
```

The right window is a web browser with the address bar showing '127.0.0.1:5000'. The page content is 'Have a nice day!'.